

61-20025

Kienzle, Karl and Lange, Alfred.
AN ELECTROLYTIC CELL WITH HORIZONTAL
FLOWING MERCURY CATHODES FOR CHLOR-
ALKALI ELECTROLYSIS BY THE AMALGAM
PROCESS, tr. by L. Gordon. 11 Aug 61 [3]p.
Order from OTS or SLA \$1. 10 61-20025

I. Kienzle, K.
II. Lange, A.
III. Patent (Germany)
1 054 976

Trans. of German patent 1, 054, 976, by Dynamit-Actien
Co. (formerly Alfred Nobel and Co.) issued 1 Oct 59.

DESCRIPTORS: *Electrolytic cells, *Mercury,
Electrodes, *Cathodes (Electrolytic cell), *Electrolysis,
Chemical reactions, Chlorine, Gases, Halogens,
Graphite, Anodes (Electrolytic cell, Electrochemistry,
Chlorides, Solutions.

An electrolytic cell with a horizontal flowing mercury
cathode for chloralkali electrolysis by the Amalgam
process, by which the reservoir by the cell outlet
serves for the collection of the Amalgam (with en-
(Chemistry--Physical, TT, v. 6, no. 12) (over)

Office of Technical Services

Design Principles and Practical Production of
Sheet Stampings, by O. Kienzle.

GERMAN, per, Mitteilungen der Forschungsgesellschaft
Blechverarbeitung, No 13, 1 Jul 1955, pp 153-160.

BISI 2377

Sci - Engr

Jan 62

180, 713

Influence of the Heat Treatment of Steel on the
Principal Cutting Force in Turning, by O. Kiensle,
H. Victor.

GERMAN, book per, Stahl und Eisen, Vol LXXIV, No 9,
1954, pp 530-539.

D.S.I.R./27744

Sci - Min/metals
Apr 57 CTS/sex

46,828

Surface Finish on Drop Forgings, by O.
Kienzle, J. Hunsicker.
CHINA, per ~~Technical~~ ~~Journal~~. Vol. 54
No. 4, 1964, pp 189-191
DB 95

Del. -
Ann 67

O. Kienzle

338-430

Surface Finish on Drop Forgings, by O.
Kienzle, J. Huvendiek.
GERMAN, per Werkstattstechnik, Vol. 54
No. 4, 1964, pp 189-193
GB 95

O. Kienzle

Sci -
Aug 67

338-430

On the Corrosion of Silica Roof Bricks With a
Low Content of Fluxing Agents, by S. Kienow.

GERMAN, Ger, Stahl und Eisen, 23 Jun 1960,
pp 882-888.

BISI 1813

Sci - Engr

Dec 60

134,880

The Structure of the Disturbed Solar Atmosphere,
by K. Kiepenheuer.

GERMAN, per, Z fuer Astrophysik, Vol XLIX, No 2,
1960, pp 73-94.

CSIRO 4993

Sol - Astron

Jun 61

157,853

Radiation from the Sun in the Far U.V.I. Theory
of Chromospheric Flares Eruptions, by E. O.
Kiepenheuer, 16 pp.

GERMAN, per, Z fuer Astrophysik, 1941, Vol XX,
pp 332--.

SLA 59-10121

Sci - Astron
OTS I, 12
Jul 59

92,227

SETTER

(NY-3033).

Economic Aspects of Polish Triangulation Networks,
by Ferdynand Wloczewski, Wladyslaw Kiepuski,
24 pp.

POLISH, par, Geodezja i Kartografia, Vol VIII,
No 1/2, Warsaw, 1959, pp 69-91.

JPRS-2147-N

EEur - Poland
Econ
Jan 60

106,117

Kiepenheuer, K. O.

DENSIFICATION OF CORONAL MATTER. [1963] 13p.
7 refs.

Order from SLA \$1.60

63-14653

Trans. of Zeitschrift für Astrophysik (West Germany)
1959, v. 48, p. 290-297.

DESCRIPTORS: *Solar corona, Solar flares, Density,
Pressure, Cooling, Magnetic fields, Compressive
properties.

Because of the very efficient radiative cooling, the gas
pressure of coronal matter will not increase when com-
pressed. Thus, an external pressure will bring coronal
matter rapidly to the density and temperature of a
prominence. Within a center of activity, the required
pressure will be supplied from the colliding or forming
magnetic fields, which, in addition, are needed to pro-
(Astronomy--Astrophysics, TT, v. 10, no. 3) (over)

63-14653

I. Kiepenheuer, K. O.

Office of Technical Services

(DC-5740)

The Concept and Types of Settlement Prices,
by Tadeusz Kierczynski, 13 pp.

6.

POLISH, per, Finance, Vol XII, No 2, 1961,
pp 26-35.

JPRS 8588

EUR - Poland

163, 989

Econ

Aug 61

SECRET

(NY-3169).

The Character of the Turnover Tax, by Tadeusz
Kierczynski, 17 pp.

POLAND, per, Finance, No 6, Warsaw, 1959,
pp 30-40.

JPRS-2065-N

EEur -- Poland
Econ
Dec 59

104,393

SETTE

(NY-3780)

Proposed Principles for Multi-Year Financial
Plans of Enterprises, by Tadeusz Kierczyński, 8 pp.

POLISH, per, Finance, Vol X, No 12, 1959, Warsaw,
pp 1-6.

JPRS 5101

EEur - Poland

Econ - Finance

Aug 60

122,842

(NY-4337)

Factors Defining the Extent of Money Accumulation
of Socialist Enterprises, by Tadeusz Kierczynski,
20 pp.

POLISH, per, Finance, Vol XI, No 1, 1960, pp 1-13.

JPRS 7187

EEur - Poland
Econ
Dec 60

134,447

(NY-5297)

Problems of Financial Balance, by Tadeusz
Kierczyński, Mieczysław Kucharski, 16 pp.

POLISH, per, Finance, Vol XI, No 7, 1960, pp 1-11.

JPRS 7286

Ref - Poland

Econ

136,031

Jan 61

(2048-Wb)

Discussion on the Theses of the Financial
System for 1959, by Stanislaw Majewski, Emanuel
Winter, Tadeusz Kierozynski, 31 pp.
UNCLASSIFIED

POLISH, per, Finance, No 8, Warsaw, 1958, pp 8-31.

US JPRS 1059-H

RRur - PolandE
Econ - Finance
Jan 59

78,258

Kiermeier, F.
INFLUENCING THE KEEPING QUALITIES OF FOOD-
STUFFS (A PROBLEM OF TECHNICAL BIOCHEMIS-
TRY) (Beeinflussung der Haltbarkeit von Nahrungsmitteln:
Eine Aufgabe der Technischen Biochemie). [1963] [20]p.
(foreign text included) 37 refs.
Order from SLA \$1.60

63-14977

Trans. of ~~Angewandte~~ Chemie (West Germany)
1948, v. 60, no. 7/8, p. 175-179.

DESCRIPTORS: Preservation, *Foods, Storage,
Quality control, Biochemistry.

(Food, TT, v. 10, no. 6)

63-14977

I. Kiermeier, F.

1244528

Office of Technical Services

The Effect of Inorganic Phosphates on
Animal Albumens, by K. Mohler, F.
Kiermeier.

GERMAN, per, Z. fuer Lebensmittel-
Untersuchung und Forschung, Vol CV,
No 4, 1957, pp 265-274.

CSIRO 3602

Sci - Biol

Feb 62

186.660

V
The Action of Inorganic Phosphate on Animal
Protein. V. Influence of the PH Value on the
Binding of Water by Coagulated Meat Rcast, by
K. Mähler, F. Kiermeier.

GERMAN, per, Z. Lebensm Untersuch u Forsch,
Vol C, 1955, pp 260-266.

36,081
CIA/FID XX-161

Scientific - Chemistry

Jun 56 CTB/aox

IAC INTERNAL USE ONLY

Klermeier, Friedrich and Rickerl, Elisabeth.
CAUSES OF DISCOLORATION OF STEAMED POTATOES. [1963] 10p (figs omitted) 1ref
Order from SLA \$1.10

TT-64-10517

Trans. of Zeitschrift für Lebensmittel-Untersuchung und Forschung (West Germany) 1955, v. 100, p. 441-449. (Abstract available)

DESCRIPTORS: *Potatoes, Steam, Discoloration, Phenols, Chromatographic analysis,

The occurrence of chlorogenic acid (CGA), caffeic and quinic acids in raw and cooked potatoes and potato sprouts can be determined qualitatively and quantitatively. The identity of CGA from cooked potatoes was checked by color reactions, R_f value, fluorescence, and solubility behavior. CGA -- and also caffeic acid -- comes into consideration as one of the causes of discoloration in cooked potatoes. (Author)
(Food, TT, v. 11, no. 9)

TT-64-10517

I. Klermeier, F.
II. Rickerl, E.

4636

Office of Technical Services

Kiermeier, Friedrich and Rickerl, Elisabeth.
CAUSES OF DISCOLORATION OF STEAMED
POTATOES. II. THE EFFECT OF IRON. [1963] 9p
(figs omitted)
Order from SLA \$1.10

TT-64-10516

Trans. of Zeitschrift für Lebensmittel-Untersuchung
und Forschung (West Germany) 1953, v. 102,
p. 330-337. (Abstract available)

DESCRIPTORS: *Potatoes, *Discoloration, *Iron, pH.

Divalent iron compounds are catalytic in the discoloration of steamed potatoes and are concerned with pigment formation with chlorogenic and caffeic acids present in the potato. The degree of pigmentation parallels the content of added Fe(II) salt and is dependent on the water content of the substrate and the

TT-64-10516

I. Kiermeier, F.
II. Rickerl, E.
III. Title: Effect...

44635

SETTE

(NY-3630)

Central Plan Directives and Enterprise Independence
by Tadeusz Gradowski, Aleksander Kiernozychi, 15 pp

POLISH, per, Gospodarka Planowa, Vol XIV, No 10,
Warsaw, 1959, pp 12-17.

JPRS 2888

EEur - Poland

Econ - Planning

Jun 60

120,087

STUDIES OF Fodifying Top Gas Composition and
Their Influence on the Utilization of Heat 7/
in the Blast Furnace, by P. Kierry, et al.
FISCHER, Ger., Rev. Met., Vol 47, Oct 1950,
pp 730-759.
*BISF 4054

P. KIERRY

HR-France
Sci/1964
Feb 66

SUBJECT

(NY-3466).

Problems of Modernizing Construction Work in
the 1959-1965 Period, by B. Kierski, J. Witkowski,
M. Zubelewicz, 16 pp.

POLISH, par, Inwestycje i Budownictwo, Vol IX,
No 10, Warsaw, 1959, pp 17-23.

JPRS 2422

ESur - Poland
Econ - Construction
Apr 60

111,935

R-2117

(NY-1788).

Major Directions in the Production of Construction Materials in the Current Five-Year Plan (Poland), by B. Kierski, J. Korngut, M. Zubelawicz, 32 pp.

POLISH, no per, Materialy Budowlane, Vol XII, No 10, Warsaw, Oct 1957, pp 289-298.

US JPRS/NY-L-349

EEur - Poland

Econ - Construction materials

75,048

R-1998

(DC-1980)

Prospects for the Development of the ~~Construction~~ Building
Materials Industry and the Consumption of Coal in That
Industry, by B. Kierski, J. Korngut, M. Zubelewicz,
27 pp.

POLISH, no per, Gospodarka Planowa, XIII, No 4, Warsaw
Apr 1958, pp 17-24.

US JPRS/DC-L-453

Eur - Poland

66,858

Econ - Construction Materials

setee

(NY-2006).

Technical Problems in Construction 1959, by
Boleslaw Kieraki, Jerazy Witkowski, 22 pp.

POLISH, per, Inwestycje i Budownictwo, Warsaw,
1959, pp 17-24.

7821

JPRS-1814-N

EEur - Poland

Econ - Construction, technical problems, material
indexes

Aug 59

93, 376

(NY-5482)

Technical Progress in Construction in 1961-1965,
by Holeslaw Kierski, 7 pp.

POLAND, per, Przegląd Techniczny, No 42,
19 Oct 1960, pp 3-5.

JPRS 7753

EEur - Poland

Recon

Feb 61

146,097

(NY-6223)

Basic Trends in Technical Progress in Construction
in 1961, by Boleslaw Kierski, 7 pp.

POLISH, per, Gospodarka Planowa, Vol XVI, No 2,
1961, pp 50-52.

JPRS 9459

EEur - Poland

Econ

Jun 61

156,102

SEPTKE

(NY-4145)

The Development of Technical Progress in
Construction in the 1945-1965 Period, by Boleslaw
Kieraki, Jerzy Witkowski, Mieczyslaw Zabelowicz,
17 pp.

POLJER, per, Gospodarka Planowa, Vol XV, No 1,
1960, Warsaw, pp 12-17.

JPRS 5579

ESur - Poland

128,315

Room
Oct 60

SETEE

(NY-2746).

Technical Progress in Construction in the Five-Year Plan 1961-1965, by Boleslaw Kierski, 17 pp.

EL POLISH, per, Przegląd Budowlany, No 4, 1959, pp 161-165.

JPRS-1840-N

EEur - Poland
Econ - Construction
Aug 59

94, 253

(U-2000)

INVESTMENTS IN THE CHEMICAL INDUSTRY FROM
THE STANDPOINT OF CONSTRUCTION, BY STEFAN
FARJASZKOWSKI, JULIAN KIERZDOROWSKI, 8 PP.

POLISH, PER, CHEM, VOL. IV, NO 5, 1962,
PP 173-178.

JPRS 14873

ENR - POLAND
ECON.
AND GE

208,420

Effect of Salyrgan, Hydrokchlorothiazide, and
Aminophylline on the Diuresis Induced by Infusion
of One Percent Natrium Chloride Solution, by
J. Kiersz, J. Vranic, 10 pp.

POLISH, per, Acta Physiologica Polonica, Vol ~~ix~~XIV,
No 6, 1963.

OTS 63-11407/6
SFCSI

Sci
Jan 65

272,598

Mechanical ~~Heart~~ Output, Size and Oxygen Consumption
of the Heart of Warm-Blooded Animals, by R. S.
Garan, H. Kiese, 38 pp.

GERMAN, no per, Arch. exper. Path. u Pharm,
Vol CLXXVIII, 1938, pp 226-246.

NIH Tr No 1-18

Sci - Medicine
Feb 1957 CTS/dex

48,526

SLA 57-144/57

The Reduction of Hemoglobin, by Manfred Kiese,
3 p.

GERMAN, par, Biochem Zeit, 1944, Vol CCXVI,
No 3/4, pp 264-294.

SLA 60-10486

Sni
May 60
Vol 3, No 4

116, 719

Sensitive Photometric Procedures for the Determination of Methemoglobin and Hemoglobin, by Manfred Kiese, 26 pp.

GERMAN, par, Arch Exper Path Pharmacol, Vol CCIV, 1957, pp 190-202.

EH 5-19

Sci - Med

Jun 59

88,225

(DC-4830)

Increase in the Output of Gas Distribution Plants,
by H. Kiesel, 19 pp.

GERMAN, per, *Energietechnik*, Vol X, No 7, 1960,
pp 284-288.

JPRS 6934

EEur - Germany

Econ

Apr 61

144,779

INVESTIGATION OF THE "AS-CAST" STRUCTURE OF A
CONICAL 20-TON FORGING INGOT, BY K. BRUHN,
K. L. NIEBEL, W. PAEST, ET AL.

GERMAN, FOR, HEHE HUTTE, VOL VII, JUL 1962,
PP 802-811.

BISI 2949

SCI - N/A

OCT 62

LIST 154

214,811

The Hearing of Inert Taps by Means of Exothermic Feeding
Compounds, by R. L. Kiesel.
GERMAN, Jor, Neue Natur, Vol IX, No 2, 1954, p 501.
HB Tr No 6419

Sci - MM
Feb 48

p95
275,019

Examination of the AS-Cast Structure of Heavy
Forging Ingots, by M. L. Kiesel, K. Skuin,
O. Liebscher, et al.

GERMAN, per, Neue Hütte, Vol VII, Feb 1962,
pp 111-123.

BISI 2788

Sci - M/M
Jul 62
List No 137

203,430

Examination of the AS-Cast Structure of Heavy
Forging Ingots, by K. L. Kiesel, K. Skuin,
O. Liebscher, et al.

GERMAN, per, Neue Hutte, Vol VII, Feb 1962,
pp 111-123.

BISI 2788

Sci - M/M
Jul 62
List No 137

203,430

Measurement of E.M.F. Between Slag and Steel Bath
and Its Application to Open-Hearth Ste Process
Control, by K. L. Kiesel.

GERMAN, per, Neue Hutte, Vol VI, Mar 1961,
pp 157-166.

BISI 2616

Sci - Engr

196,180

May 62

List 127

17 Nov 61

The Effect of Manganese Content on Ingot Mould
Life, by K. L. Kiesel.

GERMAN, par, Neue Hutte, Vol VI, May 1961,
pp 284-291.

BISI 2304

Sci - Min/Metals

174,016

Nov 61

Programme Control of Curvilinear Surfaces,
by V. M. Kiselev. UNCL

RUSSIAN, per, Stanki i Instrument, No 2, 1958,
pp 18-21.

DSIR LLU H.819

(loan)

Boi - Ingr
Apr 60

112,680

Studies on the Genesis of Granules in the Cells of
Ehrlich's Ascites Carcinoma in White Mice, by
H. Kieser, # 47 pp.

GERMAN, per, Arch fuer Geschwulstforschung, Vol X,
No 2, 1957, pp 119-146.

NIH Tr 4-12

Sci - Med

May 58

64,089

Kiesewetter, R.
THE CONVULSION-INHIBITIVE ACTION OF VITAMIN
B12. [1960] 3p. 8 refs.
Order from SLA ml\$1.80, ph\$1.80

61-10283

Trans. of die Naturwissenschaften (West Germany)
1960, v. 47, no. 2, p. 473.

(Biological Sciences--Neurology, TT, 5, 5, no. 3)

61-10283

1. Convulsions--Inhibition
2. Vitamin B--Physiological effects
1. Kiesewetter, R.

Office of Technical Services

(DC-5627)

Role of the Working Class in the Liberation Struggle
of Africa, by Wolfgang Kieseletter, 9 pp.

GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960,
pp 7-15.

JPRS 8430

NE/A - Africa

Soc

Jun 61

155,984

A. Kieslinger

Cohesion of Sand (Accidents and Accident Prevention
in Sand Pits), by A. Kieslinger,
GERMAN, per, Deutsche Geologische Gesellschaft Zeit.
vol. 114, 1962, pp. 151-152.
FTC 71-11194-08M

August 71

A MORE DETAILED FOR THE Saturation of
Photocurrents, by H. Kiess, 14 pp.
CHROMA, por. Physica Status Solidi, Vol IV,
1964, pp 117-124. 0231782
ABC-SC-T-68-768

92

Kiess, H.

Sci - Elec
Mar 68

296,4740

Caustic Concentration, X-Ray Pattern of Na
Cellulose I and Cellulose Xanthate and also
the State of Dissolution of the Viscose and
Their Correlations, by W. Koblitz, H. Klössig,
21 pp.

GERMAN, per, Das Papier, Vol XI, No 17/18,
1957, pp 399-407.

SLA 59-10281

Sci Chem
Jun 59
OXS I, 10

89, 717

Bearing Friction and Interface Phenomena, by S.
Kiesskalt, 12 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift des Vereines Deutscher
Ingenieure, MSBDT, Vol LXXXVII, No 21-22, 1943,
pp 321-324.

Navy Tr 756/BuShips 514

Scientific -
CTS/DEX

733/

Methods for Preparation of Lead Alloys, by E.
Kiengler.

GERMAN, Ger, Metall, Vol VII, No 11, 12, 1953,
pp 442-444.

Dept of Int
US Bur of Mines
Eastern Exper Sta
College Park, Md.

Sci - Min/Met

May 59

87,727

SCHNEIDER, R.
MISSELE, H.

Archiv Fur Das Eisenhüttenwesen, vol. 12, 1938-39, pp.
381-385; 3 figures, 1 table, 950-word abstract.

Embrittlement of High Temperature Strength Steel at
Elevated Temperatures.

Brutcher Trans, Order No. 807, \$1.20.

A-5254

KIESSLER, H.

ARCHIV EISENHUTTENWESEN, vol 19, 1948.

Stress-Rupture Tests on Some Hydrogen-resistant Steels
and Hot Strength Steels.

Brutcher #2177, \$5.90

A-5260

Kiessling, Hans Joachim.
METHOD FOR THE PREPARATION OF p-TOLUIC
ACID CHLORIDE. [1962] 3p.
Order from OTS or SLA \$1.10

62-16269

Trans. of German patent 1,039,053, by Deutsche
Solvay-Werke G.m.b.H., 26 Feb 59.

DESCRIPTORS: *Chlorides, *Benzoic acids, *Methyl
radicals, Synthesis.

A method is claimed for the preparation of toluic acid
chloride in which 1 mole of toluic aldehyde at 100-
150°C, preferably at 120-140°C, is treated with 1 to
1.2 moles of chlorine during a little less than 3 hours.

(Chemistry-Physical, TT, v. 8, no. 10)

62-16269

I. Kiessling, H. J.
II. Patent (Germany) 1 039 053

C226236

Office of Technical Services

Contribution to the Knowledge of the Mean Specific Heat
Heats of Some Technically Important Glasses. XII.
The Specific Heat of a Barium Glass, by H. Hartmann,
K. H. Kienling, 10 pp.

GERMAN, per, Glastech Ber, Vol XX, No 5, 1957,
pp 186-188.

SLA 59-10507

Sci - Phys
Sep 59
Vol 2, No 1

97919

Klessing, R.
ELECTRON-PROBE X-RAY MICROANALYZER: AN
IMPORTANT MICROANALYTICAL TOOL. [1961]
7p. (1 fig. 25 refs. omitted).
Order from SLA \$1.25

62-10281

Trans. of Jernkontoret [Stockholm]. Annaler
(Sweden) 1960, v. 144, no. 11, p. 847-854.

DESCRIPTORS: *Electron beams, Focusing, *X-rays,
*Electron tubes, Microanalysis.

A report is presented on a microanalytical X-ray
method which was originally developed in France by
Professor Cantalag and which is based on a study of
the characteristic X-rays emitted, which are excited
when a test surface is exposed to radiation with a
very precisely focused electron beam of sufficiently
high energy. The first instrument of this kind in
(Physics--Optics, TI. v. 7, no. 9)

(over)

62-10281

I. Klessing, R.

206059

Office of Technical Services

A Vacuum Induction Furnace, by R. Klenzling.
UNCL

SWEDISH, per, Jernkont Ann, Vol CXXIX, No 7,
1948, pp 237-242.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,255

Vacuum Furnace for Laboratory Use, by R.
Kiesling. UNCL

SWEDISH, per, Tek Tidsk, No 32, 1947.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,254

The Solid State Reaction Between Uranium and
Aluminium, by R. Klessling.

SWEDISH, paper P/786, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol. IX.

Internatl Conf -- UN

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

46,804

The Nitrides, Carbides, Borides, and Silicides
of the Transition Metals, by R. Kiessling, 21 pp.

GERMAN, par, Fortschritte der Chemische Forschung,
Vol III, 1954, pp 41-69. CIA 9003315

A.C.S.I.L. Tr No 867

Sci - Chemistry
Mar 1957 CTS/dex

45, 276

Kiessling, Richard.
DETERMINATION OF THE NICOTINE CONTENT OF
TOBACCO. [1962] 6p.
Order from K-H \$7.50

K-H 5436-a

Trans. of Chemiker Zeitung (Germany) 1916, v. 40,
p. 594-595.

DESCRIPTORS: Tobacco, Nicotine.

62-22493

- I. Kiessling, R.
- II. K-H-5436-a
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Unannounced)

Office of Technical Services

Kiessling, Richard.
CONTRIBUTION TO QUESTION OF DENICOTINI-
ZATION OF TOBACCO SMOKE DURING TOBACCO
CONSUMPTION. [1962] 6p.
Order from K-H 17, 59

K-H 5434-a

Trans. of Chemiker Zeitung (Germany) 1932, v. 56,
no. 3, p. 31; no. 83, p. 822-823.

DESCRIPTORS: Tobacco, Nicotine, Smokes,
Cigarettes.

(Unannounced)

62-22404

I. Kiessling, R.
II. K-H-5434-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-22404

Office of Technical Services

Kiessling, Richard.
PROGRESS IN THE FIELD OF TOBACCO CHEMIS-
TRY, AS WELL AS IN THE PRODUCTION, MANU-
FACTURE, AND CONSUMPTION OF TOBACCO.
[1962] 17p.
Order from K-H \$21.25 K-H 3879-b

Trans. of Fortschrittsberichte der Chemiker-Zeitung
über die Wichtigsten Gebiete der Chemie und
Chemischen Industrie (Germany) 1928, v. 3,
p. 102-104.

DESCRIPTORS: Chemistry, Production, Manufacturing
methods, Economics, *Tobacco.

(Engineering--Chemical, TT, v. 8, no. 11)

62-22492

- I. Kiessling, R.
- II. K-H-3879-b
- III. Kresge-Hooker Science
Library Associates
Detroit, Mich.

0222149

Office of Technical Services

Research on the Recovery and Guided Landing of a
Reusable Launching Rocket, by W. Kienitz.
GERMAN, par, Raumfahrt und Raumfahrtforschung.
Vol VII, No 8, 1963, pp 20-24.
NASA TT P-5571

Sci - Astro
May 64
U.S. GOVERNMENT ONLY

238,628

Kieszkalt, S.

RECENT RESULTS WITH FINE GRINDING. (1955)
Op. (Mfg. Control) 10 Feb.
Order from SLA \$1.10

62-18407

Trans of V[erein] D[eutscher] I[ngenieur]e. Zeitschrift (West Germany) 1955 [v. 97, no. 29] p. 1009-1011.

DESCRIPTORS: *Grinders, *Ball mills, Tests, Friction, Brittle materials.

From tests using a model ball mill, especially test measurements of deciding friction and lift operating members, it was found that the grinding law formulated in 1867 by Rittinger for calculating the mechanical energy absorption, based on the weight of the grinding media, is not valid. For brittle material, it was shown that energy absorption varies with the square of the specific surface of the grinding medium. (Author) (Machinery--Manufacturing, TT, v. 9, no. 5)

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